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**METHOD AND APPARATUS
IDENTIFYING PRINTING SUPPLIES**

ABSTRACT OF THE DISCLOSURE

5 The present disclosure relates to a replaceable printing component for use in a
selected printing system. The replaceable printing component includes an electrical
storage device configured for storing a data value and an identifier value. The
identifier value is derived by encrypting the data value using an encryption process.
Upon installation of the replaceable printing component into the selected printing
10 system the selected printing system processes the data value using the encryption
process to obtain an encrypted value. The encrypted value is identical to the identifier
value if the replaceable printing component is a verified replaceable printing
component.

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